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On the Library.—Dr. Hays, Mr. Campbell, and Mr. Penington.

Agreeably to the laws, the list of surviving members was read; by which it appeared that the number of members, at the beginning of the year was 329; namely, 228 resident in the United States, and 101 in foreign countries.

The following gentlemen were elected members of the Society:—

Alexis de Tocqueville, of Paris.
Baron de Roenne, of Prussia.
John F. Frazer, of Philadelphia.
E. Otis Kendall, of Philadelphia.
Charles Lyell, of London.
J. N. Nicollet, of Washington.
Baron de la Doucette, of Paris.
E. W. Brayley, of London.

Stated Meeting, February 4.

Present, thirty-one members.

Mr. Du Ponceau, President, in the Chair.

Professors Frazer and Kendall, members elect, were presented to the President and signed the Laws.

Letters were read,—

From Baron Roenne, dated 29th January, 1842,—from Mr. Charles Lyell, dated 5th Feb. 1842,—and from Mr. J. N. Nicollet, dated 1st Feb. 1842, severally acknowledging the honour of their election as members of the Society:—

From the Geological Society of London, dated 21st Oct. 1841,—the Society of Arts of London, dated 27th Nov. 1841, and from the Royal Asiatic Society of London, dated 6th Nov. 1841, severally acknowledging the receipt of copies of the Society's Transactions:—

From Dr. Tidyman, of Charleston, dated 10th Jan. 1842, transmitting four volumes of the Statutes of South Carolina, as a donation:—and

From M. de Bacourt, Minister of France, dated Washington, 2d Feb. 1842, stating that the missing numbers of the Archives du Museum d'Histoire Naturelle would be forwarded to the Society.

Three letters were read from Mr. Jacob Snider, Jun.; the first, communicating an extract from a letter from Mr. William Vaughan, of London, dated 3d Jan. 1842, relating to the receipt of the Society's Proceedings, &c. for distribution; the second, dated 4th Feb. 1842, relating to parcels received for the Society, and papers from Mr. Murray, printed on the Franklin Press; and the third, dated 4th Feb. 1842, making certain donations to the Society, and assuming the payment of the collateral inheritance tax on the bequests of Mr. John Vaughan.

On motion, it was resolved that the thanks of the Society be returned to Jacob Snider, Jun. Esq., for his liberal donations, made this evening.

The following donations were announced:—

FOR THE LIBRARY.

Annales des Mines. Vol. XIX. Parts 1, 2 & 3 for 1841. Paris, 1841.—*From the Engineers of Mines.*

Journal Asiatique. For June, July, & August, 1841. Three Numbers. Paris, 1841.

The American Medical Library and Intelligencer. By Robley Dunglison, M.D. New Series Vol. I. No. 6. Philadelphia, 1841.—*From the Editor.*

Bulletin de la Société de Geographie. Second Series. Vol. XV. 8vo. Paris, 1841.—*From the Society.*

The Statutes at Large of South Carolina. Edited by David J. M'Cord. Vols. VII, VIII, IX. & X. 8vo. Columbia, S. C. 1840-41.—*From Dr. Philip Tidyman.*

The Practice of Medicine; or a Treatise on Special Pathology and Therapeutics. By Robley Dunglison, M.D. Two Volumes, 8vo. Philadelphia, 1842.—*From the Author.*

Boletin Enciclopedico de la Sociedad Economica de Amigos del Pais. No. 22. Valencia, 1841.—*From the Society.*

Journal of the Royal Geographical Society of London. Vol. XI. Part 1. 8vo. London, 1841.—*From the Society.*

Transactions of the Cambridge Philosophical Society. Vol. VII. Part 2. 4to. Cambridge, 1841.—*From the Society.*

Mémoire sur Différens Procédés d'Intégration, .&c. &c. Par J. Plana. Extrait du Journal des Mathematiques de M. Crelle.—*From the Author.*

Proceedings of the Zoological Society of London. Part VIII. 8vo. London, 1840.—*From the Society.*

Supplemental Instructions for the use of the Magnetical Observatories. 8vo. London, 1841.—*From the Royal Astronomical Society.*

The British Almanac of the Society for the Diffusion of Useful Knowledge for the Year 1842. 12mo. London, 1842.—*From Mr. Jacob Snider, Jun.*

Memorias de la Sociedad Patriotica de la Habana. Vol. XIII. No. 73. Havana, 1841.—*From Dr. Dunglison.*

Chinese Chrestomathy, in the Canton Dialect. By E. C. Bridgman. 4to. Macao, 1841.—*From the Author.*

A note to the paper of Dr. Harlan, reported for publication at the last meeting, was read, and, by request of the Committee to whom the paper had been referred, was ordered for publication.

Dr. Hare made an oral communication in relation to the report presented to the Academy of Paris on Mr. Espy's theory of tornadoes, rain, &c., and stated that, on his representations that the electrical theory of these meteors had not been duly considered in making up the report, the subject had been again brought before the Academy and referred.

Prof. A. D. Bache made some statements, on the authority of Mr. Espy, of the circumstances under which the conclusions to the report referred to had been prepared.

Dr. Hare also communicated some observations on the suspension of clouds, made by him last summer in Switzerland, and stated his opinion that clouds were constantly forming and dissolving masses of vapour.

Mr. Lea made some remarks upon the Oolitic formation of America, and submitted evidence of its existence, in addition to that furnished in his paper, published in the Society's Transactions.

Dr. Dunglison, on behalf of Dr. Cohen, of Baltimore, communicated a paper, describing the post mortem appearances in a case of deafness.

In this case, an abnormous state of the ossicles and other irregularities were found in one ear; and destruction of the membrana tympani and disorganization of the soft parts of the tympanum, &c., in the other.

Stated Meeting, February 18.

Present, thirty-two members.

Mr. Duponceau, President, in the Chair.

Mr. Lyell, of London, a recently elected member, was presented to the President and signed the Laws.

Letters were read:—

From the Royal Society of Göttingen, dated 18th August, 1841, acknowledging the receipt of copies of the Transactions and Proceedings of this Society, and notifying it of the transmission of the eighth volume of the "Commentationes Societatis Regiæ Scientiarum Gottingensis Recentiores:"—

From the Historical Society of Pennsylvania, inviting the members of this Society to be present at the delivery of a discourse by Job R. Tyson, Esq., before the former Society, on the evening of the 21st instant:—and

From Mr. Adam Ramage, offering to put the Franklin Press in order at his own expense, in order that the members might have an opportunity of pulling a sheet on it.

The invitation of the Historical Society was accepted, and the letter of Mr. Ramage referred to a committee, with power to take order.

The following donations were announced:—

FOR THE LIBRARY.

A Monograph of the Limniades, or Fresh-water Univalve Shells of North America. By S. S. Haldeman. No. 4. 8vo. Philadelphia, 1842.—*From the Author.*

An Account of the Receipts and Expenditures of the United States for the Year 1840. Prepared in the Office of the Register of the